

In The Claims

Please replace claim 19 as shown below. A marked up version of the amended claims is attached to this Amendment.

a7 sub c1
19. (Amended) The orbital sander of claim 1 further comprising a power supply oriented within the housing, the power supply having an input adaptable to be coupled to a source of AC power, and a DC output electrically connected to the motor.

Please add new claims 24-32 as shown below:

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24. (New) An assembly for an orbital sander comprising:
a drive member rotatable about an axis and having an eccentrically offset hub and a plurality of fan blades;
a sanding member connected to the hub; and
the fan blades distributed around the axis in a non-uniform manner to balance the assembly about the axis.

a8 sub c1
25. (New) The assembly of claim 24 wherein the blades are generally uniform in thickness and the non-uniform distribution of the blades results in the balancing of the assembly without the use of a balance weight.

26. (New) The assembly of claim 25 wherein the blades are of a radial tip configuration.

27. (New) The assembly of claim 24 wherein the fan blades comprise top blades and bottom blades with the top blades located at the top of the drive member, the bottom blades located at the bottom of the drive member in a manner surrounding the hub and one of the top blades and bottom blades being non-uniformly distributed.

28. (New) The assembly of claim 24 wherein the drive member further comprises a disc portion to which the fan blades and hub are attached and the disc portion is

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C1
generally uniform in thickness and each of the plurality of fan blades are generally uniform in thickness enabling drive member to be integrally formed as a metal die casting with limited porosity so to remove the need for post cast machining.

29. (New) The assembly of claim 28 wherein the drive member is not balanced post cast.

a8
30. (New) An orbital sander comprising:
an elongate housing having a first end, a central region and a second end;
a motor disposed within the housing central region and having a motor shaft extending toward the second end and rotatable about an axis;
a drive member eccentrically driven by the motor shaft and having an integrally formed fan;

a sanding platen oriented adjacent the second end of the housing and orbitally driven by the drive member, the platen having a planar surface perpendicular to the axis adapted to receive sand paper; and

the fan distributed around the axis in a non-uniform manner so to balance the drive member and platen about the axis without the use of a balance weight.

31. (New) The orbital sander of claim 30 wherein the fan comprises plurality of fan blades.

32. (New) The orbital sander of claim 31 wherein the blades are generally uniform in thickness and have a non-uniform distribution which results in the balancing of the assembly.